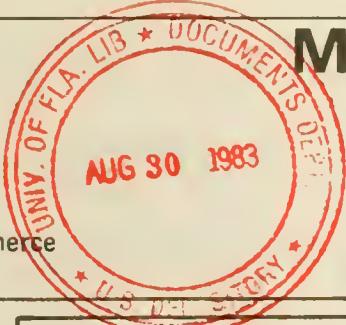




U.S. Department of Commerce
BUREAU OF THE CENSUS



Manufacturers' Shipments, Inventories, and Orders

JUNE 1982

M3-1(82)-6
For Wire Transmission 3:00 P.M. E.D.T. Monday, August 2, 1982

(All figures in text below are in seasonally adjusted current dollars.)

The January through June data presented in this report are consistent with the revised data for 1977-1981 released July 19, 1982, by the Department of Commerce, Bureau of the Census. These revisions, published in "Manufacturers' Shipments, Inventories, and Orders: 1977-1981" (M3-1.11), reflect: benchmarking of the shipments and inventory data to the 1979 and 1980 Annual Survey of Manufactures; benchmarking defense shipments to the series MA-175, "Shipments to Federal Government Agencies"; recalculation of new orders estimates which are derived from the estimates of unfilled orders and shipments; and updating of seasonal adjustment factors.

New orders for manufactured goods in June declined \$0.5 billion or 0.3 percent to \$156.8 billion the Department of Commerce, Bureau of the Census reported today. This follows a 1.0 percent increase in May and a 1.0 percent decline in April. Shipments of manufactured products increased in June \$0.1 billion or 0.1 percent to \$160.8 billion following a 2.9 percent increase in May.

The backlog of unfilled orders for manufactured products declined \$4.0 billion or 1.3 percent in June to \$307.7 billion. This is the 11th consecutive decline in unfilled orders since the July 1981 peak of \$328.9 billion.

The book value of manufacturers' inventories decreased \$1.3 billion or 0.5 percent to \$275.1 billion. This is the sixth decline in the last 7 months and the lowest inventory level since the June 1981 level of \$274.6 billion. The inventory to shipments ratio has dropped from 1.81 in January 1982 to 1.71 in June.

New orders for durable goods in June declined \$1.5 billion or 1.9 percent to \$74.7 billion. This follows May and April declines of 1.0 percent and 1.2 percent, respectively. New orders for nonelectrical machinery declined \$1.5 billion or 10.1 percent to \$13.0 billion. Except for a 5.7 percent increase in April, new orders for nonelectrical machinery have been declining since last November at a 3.8 percent average monthly rate. New orders for the nondefense capital goods, which include most of the nonelectrical machinery industries, declined \$1.1 billion or 5.2 percent to \$19.3 billion. New orders for defense capital goods in June increased \$0.6 billion or 12.6 percent to \$5.4 billion following 3 months of declines.

New orders for manufacturers of nondurable goods (where for most industries shipments are considered equal to new orders) increased \$1.0 billion or 1.3 percent to \$82.1 billion in June. Increases were reported by all industries except for

the apparel and printing and publishing industries.

Shipments by producers of durable goods declined \$0.7 billion or 0.8 percent to \$78.7 billion. Shipments declined of \$0.9 billion in machinery products and \$0.3 billion in fabricated metal products in June were only partially offset by increases of \$0.4 billion in motor vehicle and parts and \$0.1 billion in the aircraft and parts sectors of the transportation equipment.

The orders backlog for durable goods manufacturers in June declined \$4.0 billion or 1.3 percent to \$298.4 billion. Over half of the June decline was in the nonelectrical machinery category. Reflecting declines in the machinery industry and the aircraft and parts industry, the order backlog for nondefense capital goods declined \$3.5 billion or 2.5 percent to \$134.4 billion.

Inventories held by producers of durable goods dropped \$0.5 billion or 0.3 percent to \$184.3 billion, the lowest level since July 1981. Except for increases in the transportation equipment and instruments and related products industries, the rest of the major industry groups showed little change or declined. The inventories held by producers of nondurable goods declined \$0.8 billion or 0.9 percent to \$90.8 billion. The largest decline was in the food products industry where inventories declined \$0.3 billion or 1.7 percent to \$19.8 billion.

The figures on the durable goods industries in this report supersede those issued earlier in the advance report on durable goods. The present report is based on more complete reporting, but the estimates are also considered preliminary. Final figures will appear as historical data in the report to be published for next month. The advance report on durable goods for July is scheduled for release on August 20, 1982, and the full report is scheduled for release on August 31, 1982.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Swindell, (301) 763-2502.

For sale by Customer Services (DUSD) Bureau of the Census, Washington, D.C. 20233, or any U.S. Department of Commerce district office. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by a draft on a U.S. bank. Price, 30 cents per copy, \$3.60 per year.

Single copies of the M3-1.11, "Manufacturers' Shipments, Inventories, and orders, 1977-1981," can be purchased for \$5.00 from the Customer Services Section, Bureau of the Census, Washington, D.C. 20233. Checks should be made payable to Superintendent of Documents. A computer tape of the report, including data back to 1958, can be purchased by sending a check or money order for \$140 to the Data User Services Division, Customer Services Branch, Bureau of the Census, Washington, D.C. 20233. Checks for the computer tape should be made payable to Commerce—Census.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC	Industry	Seasonally adjusted						Not seasonally adjusted ¹						
		June 1982 ^p	May 1982 ^r	April 1982 ^r	March 1982 ^r	Feb. 1982 ^r	Jan. 1982 ^r	June 1982 ^p	May 1982 ^r	April 1982 ^r	March 1982 ^r	Feb. 1982 ^r	Jan. 1982 ^r	
TOTALS														
All manufacturing industries.....	160,799	160,693	156,114	157,517	158,142	155,023	168,399	161,541	158,058	165,832	160,220	144,431	958,481	1,013,307
Manufacturing industries excluding transportation.....	143,177	143,514	140,168	141,712	142,990	141,176	149,358	143,537	141,169	148,470	144,637	131,791	859,022	906,709
Manufacturing industries with unfilled orders.....	82,799	83,596	81,716	84,000	83,629	81,587	87,390	83,896	82,755	88,957	84,726	74,790	502,514	529,579
Durable goods industries.....	78,715	79,383	77,136	78,124	77,976	75,551	84,125	80,485	79,101	83,776	78,829	68,605	474,921	513,799
Durable goods with unfilled orders.....	65,708	66,611	64,889	66,339	66,272	64,627	69,937	66,981	65,883	70,820	67,195	58,860	399,676	427,759
Nondurable goods industries.....	82,086	81,310	78,978	79,394	80,167	79,472	84,274	81,056	78,957	82,055	81,391	75,826	483,559	499,507
Nondurable goods with unfilled orders.....	17,091	16,985	16,827	17,661	17,357	16,960	17,453	16,915	16,873	18,136	17,531	15,930	102,838	101,818
MARKET CATEGORIES														
Home goods and apparel.....	10,775	10,803	10,708	11,208	11,176	10,667	11,094	10,272	10,306	11,654	11,236	9,011	63,573	66,870
Consumer staples.....	30,718	30,310	29,578	29,753	29,970	29,021	31,491	29,784	29,073	30,405	29,871	26,920	177,544	173,145
Equipment and defense products, except automotive.....	26,258	25,056	23,997	25,623	25,566	24,185	26,224	25,126	24,125	27,538	25,669	21,622	150,304	152,628
Automotive equipment.....	11,939	11,526	11,002	10,332	9,769	8,836	12,982	11,967	11,509	9,970	8,271	66,988	72,833	
Construction materials, supplies, and intermediate products.....	11,578	12,058	11,446	11,738	11,400	11,398	12,582	12,392	11,799	11,819	10,767	9,555	68,914	78,481
Other materials, supplies, and intermediate products.....	71,511	70,940	69,383	68,862	70,261	71,115	74,026	71,678	70,788	72,906	72,707	69,052	431,157	469,317
SUPPLEMENTARY SERIES²														
Household durable goods industries.....	4,985	4,808	4,897	4,982	4,876	4,723	5,100	4,668	4,772	5,269	4,881	4,016	28,706	30,388
Capital goods industries.....	27,580	28,140	26,869	28,549	28,417	27,067	29,584	28,035	26,857	30,583	28,824	24,434	168,317	170,855
Nondefense.....	22,761	23,471	22,599	24,060	24,043	23,066	24,522	23,296	23,604	25,892	26,491	20,836	141,641	148,508
Defense.....	4,819	4,669	4,271	4,490	4,374	4,002	5,062	4,739	4,252	4,890	4,333	3,598	26,674	22,376
INDUSTRY GROUPS AND INDUSTRIES														
Durable goods industries:														
Stone, clay, and glass products.	3,740	3,863	3,728	3,821	3,795	3,884	4,064	3,923	3,801	3,871	3,543	3,238	22,440	24,934
Glass containers.....	4,462	4,465	4,62	4,416	4,458	500	4,65	4,60	4,67	4,62	4,425	4,416	2,692	2,692
Primary metals.....	6,657	8,882	9,953	8,829	9,572	10,028	9,045	8,951	9,507	9,742	10,046	9,634	56,925	72,938
Slab furnaces, steel mills...	4,001	3,904	4,156	4,254	4,812	5,009	4,133	3,974	4,440	4,813	5,051	4,837	27,248	36,746
Nonferrous and other primary metals.....	3,797	3,894	3,952	3,664	3,876	4,137	3,972	4,034	4,165	3,974	4,048	3,969	24,202	29,336
Fabricated metal products.....	9,839	10,996	9,750	9,765	9,557	9,231	10,473	10,244	9,978	10,319	9,528	8,360	58,902	63,951
Metal cans, barrels, and drums.....	949	875	915	912	952	979	1,034	912	901	930	917	815	5,529	5,655
Machinery, except electrical.	15,330	15,899	15,432	16,370	16,587	15,339	16,646	15,810	15,602	18,032	16,964	14,434	97,509	102,395
Engines and turbines.....	1,144	1,209	1,296	1,245	1,233	1,291	1,267	1,205	1,287	1,456	1,323	1,257	7,795	8,189
Farm machinery and equipment.....	984	1,108	1,009	1,011	1,167	992	1,090	1,162	1,149	1,220	1,227	938	6,786	8,933
Construction, mining, and materials-handling equipment.....	2,981	2,815	2,788	2,963	3,250	2,957	3,091	2,871	2,938	3,110	3,363	2,869	18,242	18,892
Metalworking machinery.....	867	861	894	925	967	956	1,034	875	845	1,058	1,021	911	5,66	6,209
General industrial machinery.....	1,145	1,305	1,244	1,384	1,409	1,411	1,245	1,449	1,275	1,275	1,275	1,275	1,260	8,513

See footnotes at end of table.

Table I. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES--Continued

(Millions of dollars)

SIC	Industry	Seasonally adjusted						Not seasonally adjusted ¹					
		June 1982 ^b	May 1982 ^r	April 1982 ^r	March 1982 ^r	Feb. 1982 ^r	Jan. 1982 ^r	May 1982 ^r	April 1982 ^r	March 1982 ^r	Feb. 1982 ^r	Jan. 1982 ^r	Year-to-date
INDUSTRY GROUPS AND INDUSTRIES—Continued													
361,2	Durable goods industries—Continued	11,912	11,677	11,508	11,451	11,210	12,286	11,716	11,622	12,094	11,689	10,410	69,817
361,2,2	Electrical machinery, equipment and	1,777	1,730	1,782	1,768	1,758	1,847	1,810	1,746	1,896	1,860	1,673	10,832
	distribution equipment and	1,037	1,033	1,022	999	995	1,137	1,022	1,029	1,082	1,082	1,119	11,266
	industrial apparatus—	704	675	742	638	648	777	609	574	715	660	6,149	6,988
363	Household appliances—	723	723	742	742	742	6,055	3,947	3,866	3,914	3,732	537	3,855
365	Radio and TV—	833	833	848	742	742	2,359	2,361	2,527	2,533	2,455	643	4,237
366	Communication equipment—	866	866	866	866	866	2,367	2,367	2,488	2,488	2,444	3,732	22,277
367	Electronic components—	513	513	513	513	513	2,359	2,359	2,527	2,533	2,455	2,444	16,707
	Transportation equipment—	15,945	15,805	15,132	13,847	19,061	18,004	16,889	17,362	15,524	12,640	9,450	106,594
37	Motor vehicles and parts—	17,179	9,509	8,829	8,261	7,357	11,366	10,682	10,297	9,905	8,521	6,979	62,378
371	Aircraft, airplanes, and parts—	5,590	4,912	5,237	5,085	4,924	6,121	5,640	4,991	5,605	5,202	4,270	31,829
372,6	Shipbuilding and military	1	1	1	1	1	1	1	1	1	1	1	32,519
3731	Tank vehicles—	938	900	1,010	1,018	811	977	1,047	882	1,029	962	962	5,621
3795	Instruments and related products—	3,988	3,825	3,942	3,933	3,754	4,224	4,224	4,225	4,171	3,332	3,332	5,728
38	Scientific and engineering—	2,056	2,056	2,218	2,416	2,346	2,210	2,441	2,315	2,570	2,333	2,084	23,300
381-4	Photographic goods—	2,356	2,356	2,379	1,281	1,338	1,334	1,539	1,382	1,310	1,343	1,273	13,968
386	Photographic goods—	1,448	1,448	1,379	1,379	1,379	1,379	1,379	1,379	1,379	1,379	1,379	7,950
24	All other durable goods	1	1	1	1	1	1	1	1	1	1	1	1
25	Industrias—	8,002	7,764	7,826	7,884	7,929	7,659	8,346	7,901	7,943	8,187	7,703	6,489
39	Industrias—	1	1	1	1	1	1	1	1	1	1	1	50,649
Nondurable goods industries:													
20	Food and kindred products—	23,018	22,302	22,404	22,709	22,069	23,765	22,721	21,813	23,140	22,814	20,580	134,969
201	Meat products—	6,298	5,961	5,748	5,748	5,787	6,277	6,321	5,804	5,743	5,853	5,653	34,400
208	Beverages—	3,112	3,085	3,152	2,984	3,384	3,236	3,215	3,027	3,027	2,795	18,146	6,513
208	Rata and oils—	1,416	1,416	1,432	1,433	1,441	1,454	1,341	1,399	1,531	1,531	1,519	1,675
209	All other food—	9,139	9,951	8,577	8,974	9,198	8,807	9,113	8,567	8,248	9,526	8,995	53,420
209	Tobacco products—	1,351	1,128	1,157	1,157	1,136	1,138	1,388	1,140	1,153	1,061	1,061	6,894
21	Textile mill products—	4,285	4,148	4,254	4,254	4,150	3,905	4,618	4,209	4,070	4,625	4,135	25,210
22	Paper and allied products—	6,346	6,463	6,599	6,603	6,712	6,755	6,447	6,538	6,915	6,782	6,416	39,853
26	Pulp, paper, etc.—	2,077	2,639	2,856	2,812	2,831	2,765	2,721	2,842	2,989	2,878	2,667	17,344
261-3	Paperboard containers—	1,539	1,460	1,465	1,226	1,510	1,402	1,584	1,477	1,505	1,603	1,556	9,479
265	All other paper products—	2,204	2,267	2,306	2,217	2,281	2,379	2,329	2,249	2,313	2,348	13,842	13,440
266	Chemicals and allied products—	16,136	13,751	13,847	14,071	13,740	14,967	14,629	14,542	14,369	13,360	87,043	91,229
28	Industrial chemicals, except pigments—	4,538	4,425	4,454	4,734	4,612	4,810	4,652	4,734	5,074	4,923	4,476	28,669
281,6	Drugs, soap, and toiletaria—	4,612	4,102	3,923	3,771	3,542	4,291	3,660	3,767	4,034	3,804	3,475	31,832
283,4	Petroleum and coal products—	17,511	17,382	16,494	15,698	16,074	17,011	17,686	17,287	15,533	16,547	17,298	22,951
30	Rubber and plastics products, u.e.c.—	3,797	3,569	3,500	3,414	3,520	3,646	3,934	3,592	3,607	3,669	3,375	21,825
23	All other nondurable goods	11,194	11,583	11,252	12,074	11,953	11,251	11,161	11,031	10,998	12,006	10,161	67,355
31	Industrias—	1	1	1	1	1	1	1	1	1	1	1	65,621

Preliminary.

¹Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

The supplementary series are groupings of the separate industry categories as follows: Household durable goods (old series) categories.

Household durable goods—Comparable to the previous producers' capital goods and the defense products (old series) categories.

Capital goods—Comparable to the previous producers' capital goods and the defense products (old series) categories.

Nondefense products—Machinery, except electrical (excluding household appliances, radio and TV, and electronic components), aircraft and aircraft parts, and ordnance.

Nondefense products—Machinery, except electrical (excluding household appliances, radio and TV, and electronic components), aircraft and aircraft parts, and ordnance.

Defense products—Based on separate reports on defense work filled by large defense contractors in the following industries: ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding.

The data are comparable to those published annually in the *NA-175*, *Shipments to Federal Government Agencies* (formerly *Shipments of Defense-Oriented Industries*).

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

SIC	Industry	Seasonally adjusted						Not seasonally adjusted ¹							
		June 1982 ^r	May 1982 ^r	April 1982 ^r	March 1982 ^r	Feb. 1982 ^r	Jan. 1982 ^r	June 1982 ^p	May 1982 ^r	April 1982 ^r	March 1982 ^r	Feb. 1982 ^r	Jan. 1982 ^r	1982	1981
TOTALS															
All manufacturing industries.....	156,760	157,224	155,694	157,198	155,984	154,519	162,337	156,003	157,656	166,453	159,497	147,978	949,924	1,021,441	
Manufacturing industries excluding transportation.....	140,374	141,348	139,099	140,060	138,679	139,337	145,267	140,198	140,285	147,695	142,961	132,618	869,024	915,080	
Manufacturing industries with unfilled orders.....	78,760	80,127	81,296	83,681	81,471	81,083	81,328	78,358	82,354	89,578	84,003	78,336	493,957	537,712	
Durable goods industries.....	74,664	76,143	76,891	77,859	76,309	75,061	78,247	75,257	78,765	84,383	78,548	71,856	467,056	521,119	
Durable goods with unfilled orders.....	61,657	63,371	64,643	66,074	64,605	64,137	64,059	61,753	65,546	71,427	66,913	62,111	391,809	435,080	
Nondurable goods industries.....	82,096	81,081	78,803	79,339	79,676	79,458	84,090	80,746	78,892	82,069	80,949	76,122	482,868	500,320	
Industries with unfilled orders.....	17,103	16,756	16,653	17,607	16,866	16,946	17,269	16,605	16,808	18,151	17,089	16,225	102,147	102,610	
Industries without unfilled orders.....	64,325	62,151	62,810	62,512	66,821	64,141	62,084	63,919	63,860	59,896	59,896	380,721	397,086		
MARKET CATEGORIES															
Home goods and apparel.....	10,798	11,608	10,762	11,570	11,120	10,296	11,143	11,231	10,790	12,102	11,268	9,021	65,555	68,025	
Consumer staples.....	30,340	30,477	29,822	29,996	28,978	31,491	29,751	29,932	30,449	29,880	26,997	177,520	173,14		
Equipment and defense products, except automotive.....	23,064	22,074	25,890	25,349	26,161	26,587	23,798	21,137	25,530	27,823	26,671	25,625	150,584	155,729	
Automotive equipment, supplies, and intermediate products.....	11,826	11,263	10,625	10,285	9,438	8,771	12,134	11,935	11,560	11,603	9,649	8,351	65,572	72,597	
Construction materials, supplies, and intermediate products.....	11,258	11,592	11,003	12,006	11,108	10,856	12,179	12,116	11,388	12,235	10,532	9,251	67,701	79,180	
Other materials, supplies, and intermediate products.....	69,094	70,347	67,937	68,167	68,162	69,031	70,992	69,833	69,496	72,441	71,496	68,736	422,992	472,280	
SUPPLEMENTARY SERIES²															
Household durable goods industries.....	5,007	5,590	4,949	5,353	4,869	4,578	5,149	5,609	5,224	5,701	4,968	4,053	30,704	31,510	
Capital goods industries.....	26,653	25,107	28,742	29,239	28,772	28,291	25,593	23,681	28,448	31,477	29,447	27,816	166,462	175,260	
Nondefense.....	19,274	20,332	22,608	22,174	21,560	21,717	20,974	19,227	22,507	24,370	22,738	21,216	131,032	149,184	
Defense.....	5,379	4,775	6,174	7,065	7,213	6,573	4,619	4,454	5,942	7,106	5,709	6,600	35,430	26,053	
INDUSTRY GROUPS AND INDUSTRIES															
Durable goods industries:															
Stone, clay, and glass.....	3,761	3,877	3,662	3,700	3,703	3,689	4,049	3,937	3,755	3,774	3,489	3,146	22,150	24,988	
Primary metals.....	8,588	8,453	8,137	7,596	9,163	8,241	8,160	6,871	9,433	9,346	52,499	73,079			
Plant furnaces, steel mills.....	3,789	3,920	3,583	3,432	3,741	4,469	3,499	3,584	3,807	4,184	4,614	4,480	24,168	37,737	
Nonferrous and other primary metal products.....	3,931	3,741	3,828	3,440	3,767	3,966	3,919	3,768	3,886	3,911	4,021	4,031	23,536	29,060	
Fabricated metal products.....	9,359	9,405	8,989	9,819	9,052	8,777	9,850	9,563	9,155	10,116	9,030	8,152	56,366	66,353	
Machinery, except electrical.....	12,950	14,408	15,262	14,438	14,506	15,120	14,611	15,729	15,391	15,729	16,013	14,231	89,556	104,436	
Engines and turbines.....	917	1,336	935	1,357	1,045	933	1,291	930	1,204	1,204	1,401	1,028	6,970	7,970	
Construction, mining, and material-handling equipment.....	2,519	2,258	1,857	2,193	2,594	2,663	2,542	2,087	2,139	2,553	2,906	2,678	14,905	21,120	
Materialworking machinery.....	754	649	623	535	722	735	834	619	601	672	783	684	4,193	5,378	
General industrial machinery.....	901	1,266	1,024	1,229	1,351	1,314	994	1,223	1,085	1,305	1,402	1,355	7,079	9,079	

See footnotes at end of table.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES--Continued

SIC	Industry	Seasonally adjusted ¹						Not seasonally adjusted ¹						Year to date
		June 1982 ^P	May 1982 ^R	April 1982 ^R	March 1982 ^R	Feb. 1982 ^R	Jan. 1982 ^R	June 1982 ^P	May 1982 ^R	April 11 1982 ^R	March 1982 ^R	Feb. 1982 ^R	Jan. 1982 ^R	
INDUSTRY GROUPS AND INDUSTRIES--Continued														
36	Durable goods industries--Continued	11,734	11,888	12,508	12,782	11,391	11,842	12,132	11,532	12,471	13,502	12,202	11,588	73,427
361.2	Electrical transmission and distribution equipment and industrial apparatus.....	1,417	1,738	1,490	1,703	1,601	1,740	1,491	1,739	1,630	1,838	1,753	1,630	10,246
363	Household appliances.....	1,013	1,050	1,029	1,040	956	1,013	1,119	1,035	1,026	1,096	909	6,185	7,995
365	Radio and TV.....	625	918	590	766	640	635	804	769	467	711	654	516	4,260
366	Communication equipment.....	4,500	3,352	5,012	4,988	3,838	4,152	4,275	3,466	4,789	5,356	6,067	4,189	26,142
367	Electronic components.....	2,178	2,803	2,415	2,364	2,190	2,426	2,189	2,617	2,688	2,496	2,693	2,435	15,318
37	Transportation equipment.....	16,386	15,876	16,595	17,138	17,305	15,182	17,070	15,805	17,371	18,758	16,536	15,360	100,900
372.6	Aircraft, missiles, and parts.....	4,646	4,854	5,779	7,206	7,475	5,861	4,902	4,426	5,624	7,330	6,588	6,326	32,348
373.1	Shipbuilding and military tank vehicles.....	876	711	1,092	476	1,108	1,310	469	439	1,238	858	912	1,306	5,222
379.5	Instruments and related products.....	3,782	3,896	3,920	4,022	4,109	3,670	4,154	3,770	3,826	4,331	4,017	3,365	23,463
24	All other durable goods industries.....	8,104	8,340	7,838	8,364	8,001	7,618	8,316	8,709	8,371	8,802	7,828	6,666	48,692
25		39												51,747

^PPreliminary.

¹Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

The supplementary series are regroupings of the separate industry categories as follows:
Household durable goods industries--Household furniture; kitchen articles and pottery; cutlery, handtools, and hardware; household appliances; radio and TV; ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Capital goods industries--Comparable to the previous producers' capital goods and the defense products (old series) categories.

Nondurable goods industries--Comparable to the previous producers' capital goods and the defense products (old series) categories.

Machinery, except electrical (excluding farm machinery and equipment and machine shops), electrical machinery (excluding household appliances, radio and TV, and electronic components), and the nondefense portions of shipbuilding and repairing and railroad equipment, communication equipment, aircraft and aircraft parts, and ordnance.

Defense products--Based on separate reports on defense work filled by large defense contractors in the following industries: ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding. The data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies (formerly Shipments of Defense-Oriented Industries), for the specified industries.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

BIC	Industry group	Seasonally adjusted						Not seasonally adjusted					
		Current 6 months			Last 3 months (a year ago)			Current 6 months			Last 3 months (a year ago)		
		June 1982 ^p	May 1982 ^r	April 1982 ^f	Feb. 1982 ^r	Jan. 1982 ^r	June 1982 ^p	May 1982 ^r	April 1982 ^f	March 1982 ^r	Feb. 1982 ^r	Jan. 1982 ^r	June 1981
TOTALS													
All manufacturing industries.....	307,715	311,746	315,218	315,639	315,957	318,114	307,819	313,885	319,418	319,817	319,197	319,921	326,927
Manufacturing industries excluding transportation.....	191,075	193,870	196,041	197,110	198,760	203,071	192,152	196,245	199,579	200,462	201,238	202,974	212,411
Durable goods industries.....	298,415	302,458	305,701	305,947	306,211	307,877	298,531	304,413	309,637	309,971	309,365	309,646	315,449
Nondurable goods industries.....	9,300	9,288	9,518	9,692	9,746	10,237	9,288	9,472	9,782	9,847	9,832	10,275	11,478
MARKET CATEGORIES													
Home goods and apparel.....	5,239	5,215	4,382	4,429	3,998	4,029	5,669	5,621	4,693	4,330	3,839	3,798	4,997
Consumer staples.....													4,683
Equipment and defense products, except automotive.....	186,950	188,276	191,517	190,002	190,323	190,058	186,335	189,012	193,355	192,414	192,234	191,554	189,403
Automotive equipment.....													191,070
Construction materials, supplies, and intermediate products.....	15,186	15,506	15,972	16,416	16,148	16,440	15,427	15,829	16,106	16,517	16,192	16,337	17,945
Other materials, supplies, and intermediate products.....	100,240	102,751	103,346	104,793	105,488	107,588	100,388	103,423	105,264	106,556	107,022	108,233	114,582
SUPPLEMENTARY SERIES²													
Household durable goods industries.....	4,144	4,122	3,340	3,288	2,916	2,924	4,618	4,570	3,626	3,174	2,742	2,654	3,915
Capital goods industries.....	218,844	221,766	224,799	222,888	222,197	221,841	218,213	222,209	226,562	224,967	224,074	223,451	221,990
Nondurable.....	137,852	137,852	140,991	140,982	142,868	142,351	136,222	138,174	142,240	142,337	143,859	145,612	156,899
Defense.....	84,475	83,916	83,808	81,905	79,329	76,430	83,591	84,035	84,321	82,631	80,215	77,840	67,091
INDUSTRY GROUPS AND INDUSTRIES													
Durable goods industries:													
Benton, clay, and glass.....	1,783	1,762	1,749	1,835	1,956	2,046	1,825	1,839	1,825	1,871	1,967	2,021	2,351
Primary metals.....	22,078	22,147	22,378	23,193	26,427	23,759	22,083	22,083	23,654	24,737	25,608	26,221	29,597
Slab furnaces, steel mills.....	12,917	13,129	13,106	13,679	14,502	15,573	13,034	13,668	14,058	14,691	15,320	15,757	18,688
Nonferrous and other primary metal products.....	6,553	6,419	6,572	6,697	6,921	7,030	6,527	6,579	6,846	7,127	7,189	7,256	8,903
Fabricated metal products.....	26,406	26,883	27,574	28,334	28,281	28,785	26,443	27,065	27,745	28,568	28,220	28,769	30,583
Machinery, except electrical.....	63,557	65,924	67,425	67,595	69,727	71,807	63,931	66,169	68,198	68,409	70,711	71,663	75,439
Engines and turbines.....	15,642	15,867	15,739	16,039	16,289	16,165	15,492	15,827	15,741	16,098	16,351	16,272	17,509
Construction, mining, and material-handling equipment.....	7,351	7,813	8,370	9,301	9,870	10,526	7,373	7,923	8,707	9,506	10,063	10,520	10,563
Metallurgical machinery.....	3,341	3,454	3,666	3,937	4,327	4,571	3,326	4,547	3,672	3,946	4,332	6,643	6,812
General industrial machinery.....	5,977	6,221	6,260	6,480	6,635	6,692	5,983	6,233	6,342	6,675	6,532	6,716	6,658

See footnotes at end of table.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES--Continued

SIC	Industry group	Seasonally adjusted												Not seasonally adjusted ¹						
		June 1982 ^b			May 1982 ^c			April 1982 ^d			March 1982 ^e			Feb. 1982 ^f			Jan. 1982 ^g			
		June 1982 ^b	May 1982 ^c	April 1982 ^d	March 1982 ^e	Feb. 1982 ^f	Jan. 1982 ^g	June 1982 ^b	May 1982 ^c	April 1 ^d	March 1982 ^e	Feb. 1982 ^f	Jan. 1982 ^g	June 1981	May 1981	April 1981	June 1981	May 1981	April 1981	
INDUSTRY GROUP AND INDUSTRIES--Continued																				
36	Durable goods industries--Continued	54,747	54,588	54,613	53,784	52,510	52,570	54,843	54,999	55,180	54,330	52,922	52,1408	50,911	50,257	49,983				
361,2	Electrical machinery, transmission and distribution equipment and industrial apparatus	7,866	8,163	8,202	8,442	8,521	8,688	7,926	8,282	8,352	8,469	8,526	8,591	8,913	8,992	8,864	440	269		
363	Household appliances	302	332	319	323	306	351	325	343	329	337	318	450	437	449	440	138	138		
365	Radio and TV	390	469	274	359	337	335	395	369	209	316	320	309	419	27,613					
366	Communication equipment	33,662	32,413	32,868	31,690	30,360	30,264	33,043	32,715	33,096	32,220	30,796	30,460	28,059	27,790	27,613	11,649	11,730		
367	Electronic components	11,810	12,088	11,798	11,852	11,855	11,805	12,035	12,173	12,043	11,887	11,846	11,597	11,887	11,887	11,649	116,413	116,413		
37	Transportation equipment	116,640	117,876	119,178	118,529	111,196	115,043	115,677	117,640	119,839	119,355	117,959	116,947	114,516	116,413	116,413	88,112	88,112		
372,6	Aircraft, missiles, and parts	91,539	92,613	93,349	92,483	90,514	88,123	91,055	92,275	93,490	92,856	91,131	89,745	87,112						
3731	Shipbuilding and military tank vehicles	19,350	19,413	19,695	19,503	20,037	19,967	19,045	19,555	19,805	19,976	20,162	19,805	19,494	19,494	20,303	6,980	6,980		
3795	Instruments and related products	7,200	7,367	7,458	7,362	7,283	7,106	7,275	7,345	7,511	7,443	7,283	7,098	7,110	7,110	7,110	6,980	6,980		
38	All other durable goods	6,004	5,901	5,325	5,313	4,832	4,760	6,464	6,494	5,685	5,258	4,643	4,519	5,119	5,119	5,119				
39	All industries																			

Preliminary.
1 Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

² The supplementary series are groupings of the separate industry categories as follows:
Household durable goods industries--Household furniture; kitchen articles and hardware; household appliances; radio and TV; ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Capital goods industries--Comparable to the previous producers' capital goods and the defense products (old series) categories.
Nondefense products--Machinery, except electrical (excluding farm machinery and equipment and machine shops), electrical machinery (excluding household appliances, radio and TV, and electronic components).
Nondefense products--Communication equipment, railroad equipment, aircraft and aircraft parts, and ordnance.
Nondefense products--Contractors in the following industries: ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding.
Defense products--Based on separate reports on defense work filed by large defense contractors in the MA-175, Shipments to Federal Government Agencies (formerly Shipment to Federal Government Agencies) for the specific industries.

The data are comparable to those published annually in the MA-175.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

SIC	Industry group	Seasonally adjusted						Not seasonally adjusted ¹					
		June 1982 ^b	May 1982 ^b	April 1982 ^b	March 1982 ^b	Feb. 1982 ^b	Jan. 1982 ^b	June 1982 ^b	May 1982 ^b	April 1982 ^b	March 1982 ^b	Feb. 1982 ^b	Jan. 1982 ^b
TOTALS													
All manufacturing industries.....	275,118	276,449	278,985	280,065	281,688	281,155	276,285	279,391	282,017	282,050	283,594	281,926	275,626
Manufacturing industries excluding transportation.....	236,150	237,748	240,242	241,915	243,494	243,033	237,738	240,698	243,064	243,463	244,941	243,847	238,371
Manufacturing industries with unfilled orders.....	190,594	191,345	192,468	192,527	193,690	193,360	192,447	194,175	194,061	194,620	192,721	187,599	187,273
Durable goods industries.....	184,322	184,870	185,916	186,063	187,121	187,054	185,481	187,287	188,253	188,026	188,756	187,031	182,247
Durable goods with unfilled orders.....	169,536	170,176	171,189	171,059	171,959	170,756	170,712	172,341	173,035	172,482	173,046	171,539	166,137
Nondurable goods industries.....	90,796	91,579	93,070	94,002	94,567	94,100	90,804	92,104	93,764	94,024	94,893	94,378	94,575
Nondurable goods with unfilled orders.....	21,058	21,169	21,279	21,467	21,731	21,604	21,735	21,834	21,736	21,579	21,182	21,462	21,326
MARKET CATEGORIES													
Home goods and apparel.....	21,345	21,779	21,968	22,041	22,631	22,766	22,693	22,775	22,436	22,110	22,447	22,321	22,538
Consumer staples.....	32,867	33,355	33,673	33,631	33,644	33,309	31,970	32,653	33,342	33,808	33,939	31,890	32,333
Equipment and defense products, except automotive.....	77,715	77,506	77,708	76,716	76,744	76,265	78,032	78,267	78,430	77,482	77,207	76,046	73,511
Automotive equipment.....	11,155	11,102	11,191	11,220	11,366	11,567	10,833	11,063	11,309	11,493	11,724	11,811	11,757
Construction materials, supplies, and intermediate products.....	20,632	20,639	20,723	21,078	21,338	21,729	20,883	21,076	21,301	21,694	21,768	22,047	21,979
Other materials, and supplies, and intermediate products.....	111,204	112,068	113,741	115,379	115,964	115,518	111,874	113,557	115,199	115,848	116,544	116,041	113,883
SUPPLEMENTARY SERIES²													
Household durable goods industries.....	10,752	10,692	10,856	10,896	11,120	11,196	11,093	11,119	11,080	10,981	11,121	11,000	10,881
Capital goods industries.....	87,621	87,644	87,752	86,795	86,974	86,302	87,900	88,592	88,587	87,460	87,226	85,862	83,445
Nondefense.....	73,212	73,615	73,806	72,937	73,376	72,968	73,518	74,403	74,582	73,584	72,713	71,139	71,268
Defense.....	14,209	13,946	13,857	13,598	13,334	12,382	14,191	14,005	13,877	13,533	13,148	12,306	11,903
INDUSTRY GROUPS AND INDUSTRIES													
Durable goods industries:													
Stone, clay, and glass products.....	6,409	6,429	6,479	6,544	6,629	6,582	6,534	6,676	6,723	6,768	6,832	6,602	6,468
Glass containers.....	682	696	702	719	672	667	696	714	716	719	681	665	658
Primary metals.....	25,063	25,382	25,403	26,056	26,070	25,974	26,610	25,181	25,499	26,005	26,398	24,163	24,036
Blast furnaces, steel mills.....	12,542	13,075	13,441	13,128	13,120	12,492	12,764	12,825	13,314	13,095	13,325	12,180	12,116
Nonferrous and other primary metals.....	10,996	10,834	10,907	11,145	11,354	11,281	10,728	10,997	11,179	11,382	11,470	11,370	10,447
Fabricated metal products.....	19,579	19,664	19,716	19,448	19,480	19,453	19,635	19,835	20,339	20,364	20,263	20,234	20,013
Metal cans, barrels, and drums.....	1,469	1,407	1,391	1,409	1,498	1,453	1,615	1,607	1,616	1,607	1,544	1,431	1,772
Machinery, except electrical.....	44,071	44,447	44,449	44,134	44,237	44,407	45,015	44,537	44,709	44,244	42,114	42,092	41,702
Engines and turbines.....	2,523	2,579	2,602	2,587	2,604	2,588	2,608	2,608	2,607	2,608	2,535	2,520	2,520
Farm machinery and equipment.....	2,765	2,745	2,782	2,808	2,850	2,920	2,806	2,832	2,904	2,969	3,003	2,945	2,890
Construction, mining, and material-handling equipment.....	11,140	11,391	10,950	10,794	10,585	11,207	11,471	11,387	11,094	10,892	10,653	9,600	9,499
Metallurgical machinery.....	2,615	2,539	2,588	2,640	2,624	2,427	2,510	2,554	2,757	2,652	2,619	2,810	2,783
General industrial machinery.....	4,091	4,155	4,142	4,114	4,098	4,116	4,116	4,116	4,116	4,116	4,142	4,164	3,873

See footnotes at end of table.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES--Continued

SIC	Industry group	Seasonally adjusted												Not seasonally adjusted ¹																				
		June 1982 ^p			May 1982 ^r			April 1982 ^f			March 1982 ^f			Feb. 1982 ^t			Jan. 1982 ^r			Jung 1982 ^b			Mony 1982 ^r			Current 6 months			Last 3 months (a year lag ²)					
		June 1982 ^p	May 1982 ^r	April 1982 ^f	March 1982 ^f	Feb. 1982 ^t	Jan. 1982 ^r	Jung 1982 ^b	Mony 1982 ^r	April 1982 ^f	March 1982 ^f	Feb. 1982 ^t	Jan. 1982 ^r	Jung 1982 ^b	Mony 1982 ^r	April 1982 ^f	March 1982 ^f	Feb. 1982 ^t	Jan. 1982 ^r	Jung 1982 ^b	Mony 1982 ^r	April 1982 ^f	March 1982 ^f	Feb. 1982 ^t	Jan. 1982 ^r	Jung 1982 ^b	Mony 1982 ^r	April 1982 ^f	March 1982 ^f	Feb. 1982 ^t	Jan. 1982 ^r			
INDUSTRY GROUPS AND INDUSTRIES--Continued																																		
36	Durable goods industries--Continued	27,051	27,024	27,365	27,526	27,697	27,784	27,577	27,733	27,820	27,737	27,622	27,421	27,763	27,678	27,532	27,532	27,532	27,532	27,532	27,532	27,532	27,532	27,532	27,532	27,532	27,532	27,532	27,532	27,532	27,532	27,532	27,532	
361.2	Electric machinery and distribution equipment and industrial apparatus	4,382	4,361	4,409	4,474	4,471	4,498	4,436	4,469	4,485	4,458	4,458	4,470	4,456	4,515	4,506	4,459	4,459	4,459	4,459	4,459	4,459	4,459	4,459	4,459	4,459	4,459	4,459	4,459	4,459	4,459	4,459	4,459	4,459
363	Household appliance	1,910	1,853	1,766	1,795	1,799	1,820	1,880	1,782	1,789	1,781	1,761	1,786	1,806	1,617	1,627	1,519	1,519	1,519	1,519	1,519	1,519	1,519	1,519	1,519	1,519	1,519	1,519	1,519	1,519	1,519	1,519	1,519	1,519
365	Radio and TV	1,708	1,676	1,769	1,799	1,840	1,940	9,410	9,424	9,287	9,373	9,430	9,486	9,415	9,256	9,280	9,311	9,391	9,391	9,391	9,391	9,391	9,391	9,391	9,391	9,391	9,391	9,391	9,391	9,391	9,391	9,391	9,391	9,391
366	Communication equipment	9,349	9,369	9,407	9,410	9,410	9,424	9,287	9,373	9,373	9,430	9,486	9,486	9,511	9,391	9,391	9,391	9,391	9,391	9,391	9,391	9,391	9,391	9,391	9,391	9,391	9,391	9,391	9,391	9,391	9,391	9,391		
367	Electronic components	5,548	5,566	5,635	5,689	5,689	5,729	5,654	5,656	5,656	5,717	5,717	5,642	5,642	5,642	5,642	5,764	5,764	5,764	5,764	5,764	5,764	5,764	5,764	5,764	5,764	5,764	5,764	5,764	5,764	5,764	5,764	5,764	
37	Transportation equipment	38,968	38,701	38,743	38,450	38,194	38,122	38,547	38,693	38,693	38,693	38,693	38,693	38,693	37,255	37,255	37,409	37,409	37,409	37,409	37,409	37,409	37,409	37,409	37,409	37,409	37,409	37,409	37,409	37,409	37,409	37,409	37,409	
371	Motor vehicle and parts	8,617	8,495	8,640	8,673	8,795	8,957	8,357	8,428	8,657	8,790	8,790	9,000	9,113	9,567	9,567	9,729	9,729	9,729	9,729	9,729	9,729	9,729	9,729	9,729	9,729	9,729	9,729	9,729	9,729	9,729	9,729	9,729	
372.6	Aircraft, missiles, and parts	26,798	26,599	26,432	25,356	25,010	26,681	26,671	26,696	26,671	26,694	26,671	26,671	26,671	25,936	25,936	25,936	25,936	25,936	25,936	25,936	25,936	25,936	25,936	25,936	25,936	25,936	25,936	25,936	25,936	25,936	25,936		
373.1	Shipbuilding and military tank vehicles	1,691	1,702	1,833	2,107	2,160	2,160	1,702	1,709	1,709	1,709	1,709	1,709	1,709	2,269	2,269	2,269	2,269	2,269	2,269	2,269	2,269	2,269	2,269	2,269	2,269	2,269	2,269	2,269	2,269	2,269	2,269		
375	Instruments and related products	9,484	9,303	9,516	9,399	9,513	9,420	9,688	9,539	9,687	9,510	9,366	9,515	9,664	9,515	9,515	9,515	9,515	9,515	9,515	9,515	9,515	9,515	9,515	9,515	9,515	9,515	9,515	9,515	9,515	9,515	9,515		
381-4	Scientific and engineering	6,680	6,509	6,639	6,482	6,482	6,477	6,477	6,477	6,477	6,477	6,477	6,477	6,477	6,477	6,477	6,477	6,477	6,477	6,477	6,477	6,477	6,477	6,477	6,477	6,477	6,477	6,477	6,477	6,477	6,477	6,477	6,477	
386	Photographic goods	2,292	2,291	2,357	2,405	2,405	2,405	2,460	2,460	2,372	2,392	2,372	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456		
24	All other durable goods industries	14,239	14,246	14,246	14,404	14,462	14,597	14,283	14,386	14,462	14,622	14,622	14,706	14,706	14,974	14,974	14,974	14,974	14,974	14,974	14,974	14,974	14,974	14,974	14,974	14,974	14,974	14,974	14,974	14,974	14,974	14,974		
39	Nondurable goods industries:																																	
20	Food and kindred products	19,796	20,140	20,317	20,405	20,486	20,481	18,771	19,344	19,919	20,115	20,674	21,121	20,184	20,663	20,949	20,949	20,949	20,949	20,949	20,949	20,949	20,949	20,949	20,949	20,949	20,949	20,949	20,949	20,949	20,949	20,949	20,949	
201	Meat products	1,782	1,933	1,924	1,833	1,934	1,760	1,778	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	
208	Beverages	3,523	3,525	3,563	3,431	3,619	3,648	3,653	3,431	3,431	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550		
207	Fats and oils	1,406	1,389	1,389	1,389	1,389	1,389	1,389	1,389	1,389	1,389	1,389	1,389	1,389	1,389	1,389	1,389	1,389	1,389	1,389	1,389	1,389	1,389	1,389	1,389	1,389	1,389	1,389	1,389	1,389	1,389	1,389		
207-6,9	All other food	11,453	11,825	11,778	11,778	11,778	11,778	10,594	10,594	10,594	10,594	10,594	10,594	10,594	10,594	10,594	10,594	10,594	10,594	10,594	10,594	10,594	10,594	10,594	10,594	10,594	10,594	10,594	10,594	10,594	10,594	10,594	10,594	
21	Tobacco products	4,697	4,812	4,812	4,572	4,572	4,514	4,448	4,448	4,448	4,448	4,448	4,448	4,448	4,448	4,448	4,448	4,448	4,448	4,448	4,448	4,448	4,448	4,448	4,448	4,448	4,448	4,448	4,448	4,448	4,448	4,448	4,448	
22	Textile mill products	6,392	6,501	6,513	6,513	6,513	6,710	6,761	6,496	6,496	6,726	6,726	6,726	6,726	6,726	6,726	6,726	6,726	6,726	6,726	6,726	6,726	6,726	6,726	6,726	6,726	6,726	6,726	6,726	6,726	6,726	6,726		
26	Paper and allied products	8,768	8,810	8,820	8,921	8,920	8,920	8,920	8,920	8,920	8,675	8,675	9,080	9,080	9,080	9,080	9,080	9,080	9,080	9,080	9,080	9,080	9,080	9,080	9,080	9,080	9,080	9,080	9,080	9,080	9,080			
261-3	Pulp, paper, etc.	3,588	3,590	3,560	3,534	3,534	3,534	3,490	3,490	3,490	3,490	3,490	3,490	3,490	3,490	3,490	3,490	3,490	3,490	3,490	3,490	3,490	3,490	3,490	3,490	3,490	3,490	3,490	3,490	3,490	3,490	3,490	3,490	
265	Paperboard containers	2,310	2,298	2,298	2,312	2,312	2,291	2,291	2,291	2,291	2,291	2,291	2,291	2,291	2,291	2,291	2,291	2,291	2,291	2,291	2,291	2,291	2,291	2,291	2,291	2,291	2,291	2,291	2,291	2,291	2,291	2,291	2,291	
266	All other paper containers	2,870	2,922	2,920	3,070	3,070	2,909	2,909	2,909	2,909	2,909	2,909	2,909	2,909	2,909	2,909	2,909	2,909	2,909	2,909	2,909	2,909	2,909	2,909	2,909	2,909	2,909	2,909	2,909	2,909	2,909	2,909	2,909	
281.6	Industrial chemicals, except pigments	6,531	6,532	6,676	6,763	6,763	6,755	6,755	6,755	6,755	6,486	6,486	6,637	6,637	6,744	6,744	6,744	6,744	6,744	6,744	6,744	6,744	6,744	6,744	6,744	6,744	6,744	6,744	6,744	6,744	6,744	6,744		
283.4	Drugs, soap, and toiletries	6,546	6,582	6,604	6,690	6,690	6,645	6,716	6,709	6,709	6,652																							

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

Industry	Seasonally adjusted						Not seasonally adjusted ¹					
	June 1982 ^b	May 1982	April 1982 ^b	March 1982	Feb. 1982 ^b	Jan. 1982 ^b	June 1982 ^b	May 1982	April 1982 ^b	March 1982	Feb. 1982 ^b	Jan. 1982 ^b
TOTALS												
All manufacturing industries.....	275,118	276,449	278,985	280,065	281,688	281,155	276,285	279,391	282,017	282,050	283,594	281,926
Durable goods industries.....	184,322	185,916	186,063	187,121	187,054	185,481	187,287	188,233	188,026	188,756	187,031	182,247
Stone, clay, and glass products.....	6,409	6,429	6,544	6,529	6,582	6,534	6,676	6,723	6,768	6,832	6,602	6,468
Primary metals.....	25,063	25,403	26,054	26,070	25,974	26,610	25,181	25,499	26,005	26,398	26,456	24,161
Fabricated metals.....	24,582	25,031	25,063	25,074	26,339	19,835	20,064	20,165	20,263	20,327	20,236	19,991
Non-electrical machinery.....	19,579	19,664	19,716	19,846	20,162	44,434	44,407	45,015	44,962	44,537	44,244	42,114
Electrical machinery.....	44,071	44,447	44,454	44,454	44,431	27,157	27,157	27,153	27,820	27,137	27,421	27,628
Transportation equipment.....	22,051	27,024	27,365	27,526	27,697	27,784	27,577	27,733	27,820	27,421	27,421	27,332
Instruments and related products.....	9,486	9,303	9,303	9,303	9,303	38,150	38,150	38,150	38,154	38,154	38,154	37,409
Rubber and plastic products, c.a.c.....	6,009	6,060	6,115	6,155	6,155	9,399	9,513	9,420	9,688	9,539	9,508	9,575
All other nondurable goods industries.....	55,309	55,867	55,867	55,867	55,867	14,239	14,462	14,597	14,283	14,386	14,622	14,917
NONDURABLE GOODS INDUSTRIES.....												
Non-durable goods industries.....	90,796	91,579	93,070	94,000	94,567	94,100	90,804	92,104	93,764	94,024	94,838	94,893
Chemicals and allied products.....	21,039	20,895	21,428	21,418	21,420	20,931	21,156	21,729	21,724	21,742	20,780	20,884
Petroleum and coal products.....	9,068	9,068	10,531	10,615	10,373	9,063	9,010	9,518	10,113	10,415	11,412	11,920
Rubber and plastic products, c.a.c.....	56,680	56,362	56,186	56,186	56,186	54,751	6,059	6,262	6,406	6,335	6,268	6,212
All other nondurable goods industries.....	55,867	55,867	55,867	55,867	55,867	55,867	55,867	55,867	55,867	55,867	55,867	55,867
MATERIALS AND SUPPLIES												
All manufacturing industries.....	92,494	93,168	94,433	94,214	95,898	96,145	92,511	93,448	94,951	95,078	96,144	96,605
Durable goods industries.....	55,602	55,996	56,197	56,897	56,184	55,668	56,151	56,964	57,134	58,036	58,227	57,089
Stone, clay, and glass products.....	2,220	2,247	2,333	2,307	2,228	2,228	2,267	2,322	2,365	2,337	2,362	2,255
Primary metals.....	8,515	8,600	8,725	8,694	8,708	8,653	8,422	8,423	8,593	8,762	8,887	8,025
Fabricated metals.....	7,235	7,321	7,364	7,360	7,774	7,281	7,395	7,465	7,547	7,517	7,736	7,629
Non-electrical machinery.....	11,398	11,673	11,695	11,720	11,972	11,427	11,706	11,779	11,799	11,909	11,909	11,215
Electrical machinery.....	7,485	7,664	7,902	8,062	8,210	7,959	7,952	8,100	7,901	7,950	8,132	8,286
Transportation equipment.....	10,303	10,134	10,181	10,169	10,410	10,292	10,246	10,281	10,311	10,533	10,181	10,325
Instruments and related products.....	2,869	2,741	2,869	2,982	3,025	2,908	2,767	3,029	3,014	3,023	3,040	3,084
All other durable goods industries.....	5,577	6,216	5,639	5,710	5,821	5,451	5,451	5,551	5,688	5,855	5,844	5,819
Nondurable goods industries.....	36,892	37,172	37,486	37,317	37,899	37,961	36,843	37,297	37,987	38,110	38,333	37,098
Chemicals and allied products.....	8,158	8,139	8,104	8,169	8,295	8,104	8,137	8,187	8,337	8,308	8,429	8,189
Petroleum and coal products.....	2,410	2,485	2,523	2,452	2,644	2,622	2,445	2,532	2,466	2,510	2,544	2,842
Rubber and plastic products, c.a.c.....	2,008	2,083	2,130	2,184	2,294	2,348	2,045	2,104	2,166	2,181	2,240	2,424
All other nondurable goods industries.....	24,316	24,565	24,727	24,512	24,666	24,582	24,216	24,499	24,955	24,960	25,052	24,999
WORK IN PROCESS												
All manufacturing industries.....	96,706	96,722	97,163	97,358	97,889	98,170	96,450	97,495	98,013	98,074	98,146	98,016
Durable goods industries.....	81,266	81,284	81,562	81,729	82,097	82,211	81,074	81,839	82,285	82,471	82,791	82,129
Stone, clay, and glass products.....	924	922	957	998	991	958	983	998	1,038	1,044	983	957
Primary metals.....	9,816	10,909	10,325	10,678	10,873	10,946	9,886	10,224	10,402	10,905	11,040	9,915
Fabricated metals.....	7,106	7,146	7,187	7,302	7,331	7,326	7,209	7,436	7,436	7,416	7,229	7,310
Non-electrical machinery.....	18,292	18,246	18,501	18,423	18,593	18,734	18,175	18,439	18,601	18,565	18,927	18,415
Electrical machinery.....	13,703	13,576	13,734	13,654	13,706	13,802	13,759	13,674	13,754	13,754	13,624	13,535
Transportation equipment.....	26,116	23,965	23,769	23,679	23,217	23,133	23,679	23,755	23,862	23,507	23,046	22,644
Instruments and related products.....	4,186	4,154	4,129	4,160	4,090	4,090	4,226	4,221	4,200	4,168	4,167	4,089
All other durable goods industries.....	3,125	3,186	3,218	3,203	3,191	3,283	3,137	3,168	3,215	3,215	3,287	3,370
Nondurable goods industries.....	15,440	15,438	15,601	15,629	15,792	15,959	15,376	15,656	15,726	15,603	15,887	16,737
Chemicals and allied products.....	3,598	3,523	3,506	3,441	3,460	3,563	3,577	3,557	3,600	3,640	3,450	3,525
Petroleum and coal products.....	2,520	2,516	2,639	2,800	2,823	2,809	2,536	2,691	2,766	2,722	2,722	3,191
Rubber and plastic products, c.a.c.....	1,258	1,278	1,262	1,216	1,182	1,146	1,264	1,264	1,264	1,264	1,190	1,133
All other nondurable goods industries.....	8,066	8,121	8,194	8,172	8,348	8,546	8,051	8,248	8,224	8,142	8,281	8,524
FINISHED GOODS												
All manufacturing industries.....	85,918	86,559	87,391	88,492	87,903	86,838	87,324	88,448	89,053	88,899	88,968	87,306
Durable goods industries.....	47,454	47,590	47,408	47,435	47,026	46,659	48,739	49,297	49,004	48,421	47,932	46,630
Stone, clay, and glass products.....	3,265	3,260	3,255	3,264	3,255	3,284	3,348	3,426	3,423	3,397	3,282	3,257
Primary metals.....	6,251	6,354	6,353	6,684	6,489	6,375	6,302	6,536	6,660	6,781	6,529	6,096
Fabricated metals.....	5,238	5,197	5,163	5,158	5,251	5,239	5,345	5,379	5,325	5,286	5,269	5,140
Non-electrical machinery.....	14,381	14,528	14,233	13,994	13,775	14,805	14,872	14,582	14,233	13,920	14,408	12,180
Electrical machinery.....	5,863	5,784	5,867	5,970	5,901	5,868	6,116	6,122	6,046	6,082	5,893	5,151
Transportation equipment.....	4,569	4,622	4,793	4,577	4,567	4,585	4,576	4,692	4,598	4,613	4,193	4,172
Instruments and related products.....	2,431	2,408	2,367	2,309	2,328	2,278	2,552	2,551	2,458	2,326	2,247	2,464
All other durable goods industries.....	5,476	5,437	5,389	5,491	5,491	5,499	5,721	5,710	5,718	5,743	5,743	5,650
Nondurable goods industries.....	38,464	38,969	39,983	41,057	40,877	40,179	38,585	39,151	40,049	40,778	41,036	40,389
Chemicals and allied products.....	9,283	9,333	9,753	9,664	9,551	9,231	9,392	9,883	9,896	10,078	9,855	9,141
Petroleum and coal products.....	4,138	4,059	4,511	5,279	5,168	4,942	4,082	3,936	4,295	4,901	5,575	5,782
Rubber and plastic products, c.a.c.....	2,743	2,754	2,753	2,696	2,626	2,788	2,994	2,977	2,930	2,832	2,661	2,879
All other nondurable goods industries.....	22,300	22,823	22,946	23,207	23,349	23,060	22,484	22,894	22,929	22,751	23,156	22,685

Preliminary.
Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

Table 6. MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS--MONTH-TO-MONTH AND LONG-TERM PERCENT CHANGES

(Based on seasonally adjusted data)

Item and industry group	Month-to-month ^b						Year ago June 1981	Revisions ^a	
	May-June 1982	April-May 1982	March-April 1982	February-March 1982	January-Feb. 1982	Dec. 1981-Jan. 1982		June 1981 through May 1982	June 1977-1981
Shipments:									
All manufacturing industries.....	+0.1	+2.9	-0.9	-0.4	+2.0	-2.9	0.4	0.3	0.5
Durable goods industries.....	-0.8	+2.9	-1.3	+0.2	+3.2	-4.5	0.3	0.4	0.2
Non durable goods industries.....	+1.0	+3.0	-0.5	-1.0	+0.9	-1.3	0.3	0.3	0.5
Inventories:									
All manufacturing industries.....	-0.5	-0.9	-0.4	-0.6	+0.2	-0.7	0.2	0.1	1.8
New orders:									
All manufacturing industries.....	-0.3	+1.0	-1.0	+0.8	+0.9	-1.4	0.0	0.3	0.3
Durable goods industries.....	-1.9	-1.0	-1.2	+2.0	+1.7	-1.8	0.2	0.7	0.3
Non durable goods industries.....	+1.3	+2.9	-0.7	-0.4	+0.3	-1.0	0.3	0.3	0.5
Unfilled orders:									
Durable goods industries.....	-1.3	-1.1	-0.1	-0.1	-0.5	-0.2	0.2	0.1	0.1

- Represents zero.

^aThe revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences to the durable goods industries are shown in the advance report for the month.

Table 7. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

Industry group	Inventories--shipments ratio						Unfilled orders--shipments ratio ^a (months' backlog)					
	Jun. 1982 ^b	May 1982	Apr. 1982	Mar. 1982	Feb. 1982	Jan. 1982	Jun. 1982 ^b	May 1982	Apr. 1982	Mar. 1982	Feb. 1982	Jan. 1982
All manufacturing industries.....	1.71	1.72	1.79	1.78	1.78	1.81	3.72	3.73	3.86	3.76	3.78	3.90
Durable goods industries.....	2.34	2.33	2.41	2.38	2.40	2.48	4.54	4.54	4.71	4.61	4.62	4.76
Stone, clay, and glass products.....	1.71	1.66	1.74	1.71	1.75	1.70	0.54	0.52	0.54	0.54	0.58	0.60
Primary metals.....	2.84	2.89	2.84	2.95	2.72	2.59	2.55	2.55	2.50	2.63	2.55	2.57
Fabricated metals.....	1.99	1.95	2.02	2.03	2.11	2.20	2.97	2.92	3.12	3.20	3.29	3.49
Macinery, except electrical.....	2.87	2.80	2.88	2.66	2.68	2.78	4.43	4.46	4.68	4.34	4.52	4.80
Electrical macinery.....	2.34	2.27	2.34	2.39	2.42	2.48	4.73	4.58	4.68	4.67	4.59	4.69
Transportation equipment.....	2.21	2.25	2.43	2.41	2.52	2.75	10.91	11.23	12.41	11.88	12.20	13.13
Instruments and related products.....	2.40	2.33	2.49	2.38	2.42	2.51	1.82	1.85	1.95	1.87	1.85	1.89
Non durable goods industries.....	1.11	1.13	1.18	1.18	1.18	1.18	0.54	0.55	0.57	0.55	0.56	0.60
Food and kindred products.....	0.85	0.87	0.91	0.91	0.90	0.93	(X)	(X)	(X)	(X)	(X)	(X)
Tobacco products.....	3.48	4.27	4.16	4.14	3.97	3.95	(X)	(X)	(X)	(X)	(X)	(X)
Textile mill products.....	1.49	1.57	1.61	1.55	1.62	1.73	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Paper and allied products.....	1.36	1.39	1.37	1.35	1.34	1.29	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals and allied products.....	1.48	1.48	1.55	1.55	1.52	1.56	(X)	(X)	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.52	0.52	0.59	0.67	0.66	0.61	(X)	(X)	(X)	(X)	(X)	(X)
Rubber and plastics products, n.e.c.....	1.58	1.71	1.76	1.80	1.75	1.68	(X)	(X)	(X)	(X)	(X)	(X)

(NA) Not available. ^bPreliminary. (X) Not applicable.

^aExcludes the following industries with no unfilled orders: wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operation; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

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